

## TRUCKEE RIVER BASIN, LAKE TAHOE

10336698 THIRD CREEK NEAR CRYSTAL BAY, NV

LOCATION.—Lat 39°14'26", long 119°56'44", in SW 1/4 sec.22, T.16 N., R.18 E., Washoe County, Nevada, Hydrologic Unit 16050101, on right bank, 50 ft upstream from culvert on Lakeshore Boulevard, 600 ft upstream from mouth, and 3 mi east of Crystal Bay.

DRAINAGE AREA.—6.05 mi<sup>2</sup>.

## WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1969 to September 1973, February to September 1975, and October 1977 to current year.

REVISED RECORDS.—WDR NV-78-1: Drainage area.

GAGE.—Water-stage recorder. Datum of gage is 6,243.03 ft above NGVD of 1929.

REMARKS.—Records fair. One transmountain diversion to Washoe Valley. See schematic diagram of Truckee River Basin, Lake Tahoe and Truckee River Basin.

## DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

## DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.1	1.5	1.8	e2.5	2.7	2.6	7.7	13	12	e3.2	1.5	1.2
2	1.2	1.6	2.0	e2.5	2.4	2.8	7.1	14	12	e3.1	1.5	1.2
3	1.2	1.6	1.9	e2.5	2.6	2.8	7.5	16	11	3.0	1.5	1.2
4	1.2	1.9	1.9	e2.5	e2.4	2.8	8.6	21	11	2.8	1.5	1.3
5	1.2	1.7	2.3	e2.5	e2.4	2.9	9.8	21	10	2.7	1.5	1.2
6	1.2	1.7	2.6	e2.5	e2.4	3.3	9.8	18	11	2.6	1.5	1.2
7	1.3	1.8	2.4	2.5	e2.4	4.1	9.1	17	10	2.6	1.5	1.2
8	1.4	1.8	e2.5	2.5	e2.4	5.2	9.4	16	9.4	2.5	1.4	1.1
9	1.3	2.0	e2.5	2.5	e2.4	7.2	9.3	19	9.2	2.5	1.4	1.1
10	1.4	1.9	e2.5	2.5	e2.4	7.1	10	17	7.9	2.5	1.4	1.1
11	1.4	1.9	e2.5	2.4	e2.4	4.6	11	14	6.6	2.4	1.4	1.1
12	1.4	1.9	e2.5	2.4	2.4	4.8	11	15	7.1	2.3	1.4	1.1
13	1.4	1.9	2.5	2.4	e2.3	5.0	11	17	6.6	2.2	1.4	1.1
14	1.4	2.0	e2.6	2.4	2.3	5.4	e9.5	18	7.0	2.1	1.4	1.1
15	1.4	2.0	e2.6	2.4	2.3	6.2	8.8	19	6.8	2.0	1.7	1.1
16	1.4	1.9	e2.6	2.3	3.3	6.6	8.0	18	6.9	2.0	1.6	1.1
17	1.3	2.0	2.6	2.3	3.4	6.9	7.0	18	6.7	1.9	1.4	1.1
18	1.3	2.0	2.3	2.3	3.3	7.7	6.3	17	6.2	1.8	1.4	1.1
19	1.4	1.9	2.4	2.3	3.1	8.1	6.1	15	5.7	1.7	1.4	1.2
20	1.4	1.9	2.5	2.3	2.9	8.3	6.2	12	5.0	1.7	1.3	1.2
21	1.2	1.8	2.5	2.3	2.7	9.3	6.5	13	4.7	1.8	1.3	1.2
22	1.1	2.3	2.3	e2.3	2.6	9.4	5.8	13	4.5	1.7	1.3	1.1
23	1.2	2.2	2.4	e2.3	2.8	9.4	5.5	12	4.4	1.6	1.3	1.1
24	1.3	1.8	e2.6	2.3	3.4	9.0	5.5	12	4.2	1.6	1.3	1.0
25	1.4	1.7	e2.6	2.3	e3.1	8.0	6.5	11	4.1	1.5	1.3	1.0
26	1.4	1.7	e2.6	e2.3	e2.9	7.3	7.6	e11	4.0	1.5	1.3	1.0
27	1.4	1.8	e2.5	2.3	e2.8	6.3	9.2	13	3.9	1.5	1.3	1.0
28	1.4	1.8	e2.5	2.4	2.8	6.1	12	14	3.6	1.5	1.2	1.1
29	1.4	1.8	e2.5	2.5	2.6	6.3	11	11	3.4	1.4	1.2	1.1
30	1.4	1.8	e2.5	2.4	---	7.2	11	12	3.2	1.4	1.2	1.3
31	1.5	---	e2.5	2.4	---	7.8	---	12	---	1.5	1.2	---
TOTAL	41.0	55.6	75.0	74.3	77.9	190.5	253.8	469	208.1	64.6	43.0	33.9
MEAN	1.32	1.85	2.42	2.40	2.69	6.15	8.46	15.1	6.94	2.08	1.39	1.13
MAX	1.5	2.3	2.6	2.5	3.4	9.4	12	21	12	3.2	1.7	1.3
MIN	1.1	1.5	1.8	2.3	2.3	2.6	5.5	11	3.2	1.4	1.2	1.0
AC-FT	81	110	149	147	155	378	503	930	413	128	85	67

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1970 - 2004, BY WATER YEAR (WY)

MEAN	3.35	4.19	4.21	4.57	4.43	6.17	9.52	19.5	22.4	10.3	3.81	2.99
MAX	9.10	11.0	8.84	17.1	9.05	13.5	20.2	41.2	50.3	53.9	15.7	8.71
(WY)	1984	1985	1996	1997	1986	1986	1986	1997	1982	1995	1983	1999
MIN	0.79	1.50	2.31	2.09	2.35	3.56	5.10	3.84	1.81	1.17	0.94	0.94
(WY)	1978	1978	1995	1985	1978	2002	2003	1988	2001	1994	1994	2001

## SUMMARY STATISTICS FOR 2003 CALENDAR YEAR FOR 2004 WATER YEAR WATER YEARS 1970 - 2004

ANNUAL TOTAL	1917.2	1586.7		
ANNUAL MEAN	5.25	4.34		
HIGHEST ANNUAL MEAN			7.92	
LOWEST ANNUAL MEAN			14.1	1983
HIGHEST DAILY MEAN	41	May 29	2.92	1988
LOWEST DAILY MEAN	1.1	Sep 24	0.66	Oct 13 1977
ANNUAL SEVEN-DAY MINIMUM	1.1	Sep 24	0.67	Oct 13 1977
MAXIMUM PEAK FLOW			150	Jun 18 1982
MAXIMUM PEAK STAGE		a 3.06	3.77	Jan 23 1973
ANNUAL RUNOFF (AC-FT)	3800	3150	5740	
10 PERCENT EXCEEDS	11	11	19	
50 PERCENT EXCEEDS	3.0	2.4	4.3	
90 PERCENT EXCEEDS	1.4	1.2	1.7	

e Estimated.

a Backwater from ice.